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WHAT IS CLAIMED IS:

1. Signal processing apparatus (100), comprising:
tuning means (10) for tuning an RF signal to generate an IF signal;
5 first filtering means (20) for filtering said IF signal to generate a filtered IF signal;
AGC detecting means (30) for enabling generation of an AGC signal for said tuning means (10) responsive to said filtered IF signal; and
wherein said AGC detecting means (30) includes second filtering means
10 (35) for attenuating a predetermined carrier frequency.
2. The signal processing apparatus (100) of claim 1, wherein said IF signal is between 41 and 47 MHz.
- 15 3. The signal processing apparatus (100) of claim 1, wherein said first filtering means (20) includes a SAW filter.
4. The signal processing apparatus (100) of claim 1, wherein said predetermined carrier frequency corresponds to an analog sound carrier
20 frequency.
5. The signal processing apparatus (100) of claim 1, wherein said predetermined carrier frequency corresponds to approximately 47.25 MHz.
- 25 6. The signal processing apparatus (100) of claim 1, wherein said second filtering means (35) includes a ceramic resonator tuned to shunt said predetermined carrier frequency.
7. A method (400) for providing AGC, comprising steps of:
30 using a tuner to tune an RF signal to generate an IF signal (410);
filtering said IF signal to generate a filtered IF signal (420);

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generating an AGC signal responsive to said filtered IF signal, wherein said generating step includes attenuating a predetermined carrier frequency (430); and

providing said AGC signal to said tuner (440).

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8. The method (400) of claim 7, wherein said IF signal is between 41 and 47 MHz.

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9. The method (400) of claim 7, wherein said filtering step includes using a SAW filter.

10. The method (400) of claim 7, wherein said predetermined carrier frequency corresponds to an analog sound carrier frequency.

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11. The method (400) of claim 7, wherein said predetermined carrier frequency corresponds to approximately 47.25 MHz.

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12. The method (400) of claim 7, wherein said generating step (430) further includes using a ceramic resonator to shunt said predetermined carrier frequency.

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13. A television signal receiver (100), comprising:
a tuner (10) operative to tune an RF signal to generate an IF signal;
a first filter (20) operative to filter said IF signal to generate a filtered IF signal;

an AGC detector (30) operative to enable generation of an AGC signal for said tuner (10) responsive to said filtered IF signal; and

wherein said AGC detector (30) includes a second filter (35) operative to attenuate a predetermined carrier frequency.

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14. The television signal receiver (100) of claim 13, wherein said IF signal is between 41 and 47 MHz.

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15. The television signal receiver (100) of claim 13, wherein said first filter (20) includes a SAW filter.

5 16. The television signal receiver (100) of claim 13, wherein said predetermined carrier frequency corresponds to an analog sound carrier frequency.

10 17. The television signal receiver (100) of claim 13, wherein said predetermined carrier frequency corresponds to approximately 47.25 MHz.

15 18. The television signal receiver (100) of claim 13, wherein said second filter (35) includes a ceramic resonator tuned to shunt said predetermined carrier frequency.